

# ABSTRACT

A blood pumping device includes a receptacle for receiving blood and having a non-valved inlet and outlet openings coupled to an aorta and the femoral artery. The receptacle includes a surface having a peripheral portion coupled to a peripheral portion of a diaphragm, and having a port coupled to a pump. The pump may shrink the diaphragm to draw the blood into the receptacle and may expand the diaphragm to pump the blood in the chamber of the receptacle out of the inlet opening and the outlet opening of the receptacle and into the aorta and the femoral artery of the patient.